

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A portable computer, comprising:

a portable computer unit having a configuration that allows a system mode to be switched between a notebook computer mode and a tablet computer mode; and

a controller configured to determine the configuration of the portable computer unit responsive to a system power supply of the portable computer being turned on, wherein the controller operates an application program for the tablet computer mode or the notebook computer mode according to the determination.
2. (Currently Amended) The portable computer of claim 1, wherein the controller selectively enables a different corresponding operating system for the tablet computer mode or the notebook computer mode.
3. (Original) The portable computer of claim 1, wherein the portable computer unit is a display module whose rotation state allows the system mode to be switched between the notebook computer mode or the tablet computer mode.

4. (Currently Amended) The portable computer of claim 3, further comprising a detector coupled to the controller and configured to detect the rotation state of the display module, wherein the detector comprises:

a magnetic sensor or a rotation detection switch based upon a mechanical contact;

and

a first controller configured to detect an ON/OFF state of the magnetic sensor or the rotation detection switch.

5. (Original) The portable computer of claim 4, wherein the first controller is one of a keyboard controller, a south bridge and an input/output (I/O) controller.

6. (Original) The portable computer of claim 1, wherein the controller is a basic input/output system (BIOS).

7. (Currently Amended) The portable computer of claim 6, wherein the controller selects and boots an operating system (OS) for a tablet computer when ~~the~~a detected rotation state of the display module corresponds to the tablet computer mode.

8. (Currently Amended) The portable computer of claim 6, wherein the controller selects and boots an OS for a notebook computer when ~~the~~a detected rotation state of the display module corresponds to the notebook computer mode.

9. (Original) The portable computer of claim 1, wherein the controller determines a physical configuration of the portable computer unit.

10. (Original) An apparatus for booting a system in a portable computer including a display module whose rotation state allows a system mode to be switched to a notebook computer mode or a tablet computer mode, comprising:

detection means for detecting the rotation state of the display module when a system power supply provided in the portable computer is turned on; and

control means for selectively booting an operating system (OS) for a tablet computer or a notebook computer according to a result of the detection.

11. (Original) The apparatus of claim 10, wherein the detection means comprises:
a magnetic sensor or a rotation detection switch based upon a mechanical contact; and

a controller for detecting a status of the magnetic sensor or the rotation detection switch.

12. (Original) The apparatus of claim 11, wherein the controller is one of a keyboard controller, a south bridge and an input/output (I/O) controller.

13. (Original) The apparatus of claim 10, wherein the control means is a basic input/output system (BIOS).

14. (Original) The apparatus of claim 13, wherein the control means selects and boots the OS for the tablet computer when the detected rotation state of the display module corresponds to the tablet computer mode.

15. (Original) The apparatus of claim 13, wherein the control means selects and boots the OS for the notebook computer when the detected rotation state of the display module corresponds to the notebook computer mode.

16. (Original) A method for booting a system in a portable computer, comprising:
detecting one of a notebook computer configuration and a tablet computer configuration when a system power supply provided in the portable computer is turned on; and
selectively booting an initialization application program for a tablet computer or a notebook computer according to said detecting.

17. (Original) The method of claim 16, wherein the detecting comprises detecting a rotation state of a display module.

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18. (Original) The method of claim 16, wherein the rotation state of the display module is detected by a magnetic sensor or a rotation detection switch based upon a mechanical contact.

19. (Currently Amended) The method of claim 17, wherein selectively booting comprises:

selecting and booting an operation system for ~~a~~the tablet computer when the detected rotation state of the display module corresponds to ~~the~~a tablet computer mode.

20. (Currently Amended) The method of claim 17, wherein the selectively booting comprises:

selecting and booting an operating system for a notebook computer when the detected rotation state of the display module corresponds to ~~the~~a notebook computer mode.

21. (Original) An article including a machine-readable storage medium containing instructions for booting a system in a portable computer including a display module whose rotation state allows a system mode to be switched to a notebook computer mode or a tablet computer mode, the instructions, when executed, causing the portable computer to:

detect the rotation state of the display module when a system power supply provided in the portable computer is enabled; and

selectively boot an operating system (OS) for a tablet computer or a notebook computer according to the detection.

22. (Original) The article of claim 21, wherein the storage medium contains instructions for causing the portable computer to select and boot the OS for the tablet computer, when the detected rotation state of the display module corresponds to the tablet computer mode.

23. (Original) The article of claim 21, wherein the storage medium contains instructions for causing the portable computer to select and boot the OS for the notebook computer, when the detected rotation state of the display module corresponds to the notebook computer mode.

24-58. (Canceled)